

South & East Calgary Regional Transportation Study

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Intergovernmental Affairs Committee

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Presentation Outline

- I. Study Overview
- II. Study Process
- III. Schedule / Timeline
- IV. Transportation Network
- V. Project Prioritization
- VI. Integration of Studies
- VII. Next Steps
- VIII. Recommendation



Study Overview

- I. The South & East Calgary Regional Transportation Study (“South” Study) was initiated by the Calgary Metropolitan Region Board (CMRB) Intermunicipal Service Committee (ISC) in September 2018
- II. The CMRB Board passed a motion at its May 22 meeting.
 - i. “That the Board acknowledge the receipt of the South & East Calgary Regional Transportation Study and forward to municipal councils for review and comment before returning to the June Board meeting (June 26)”

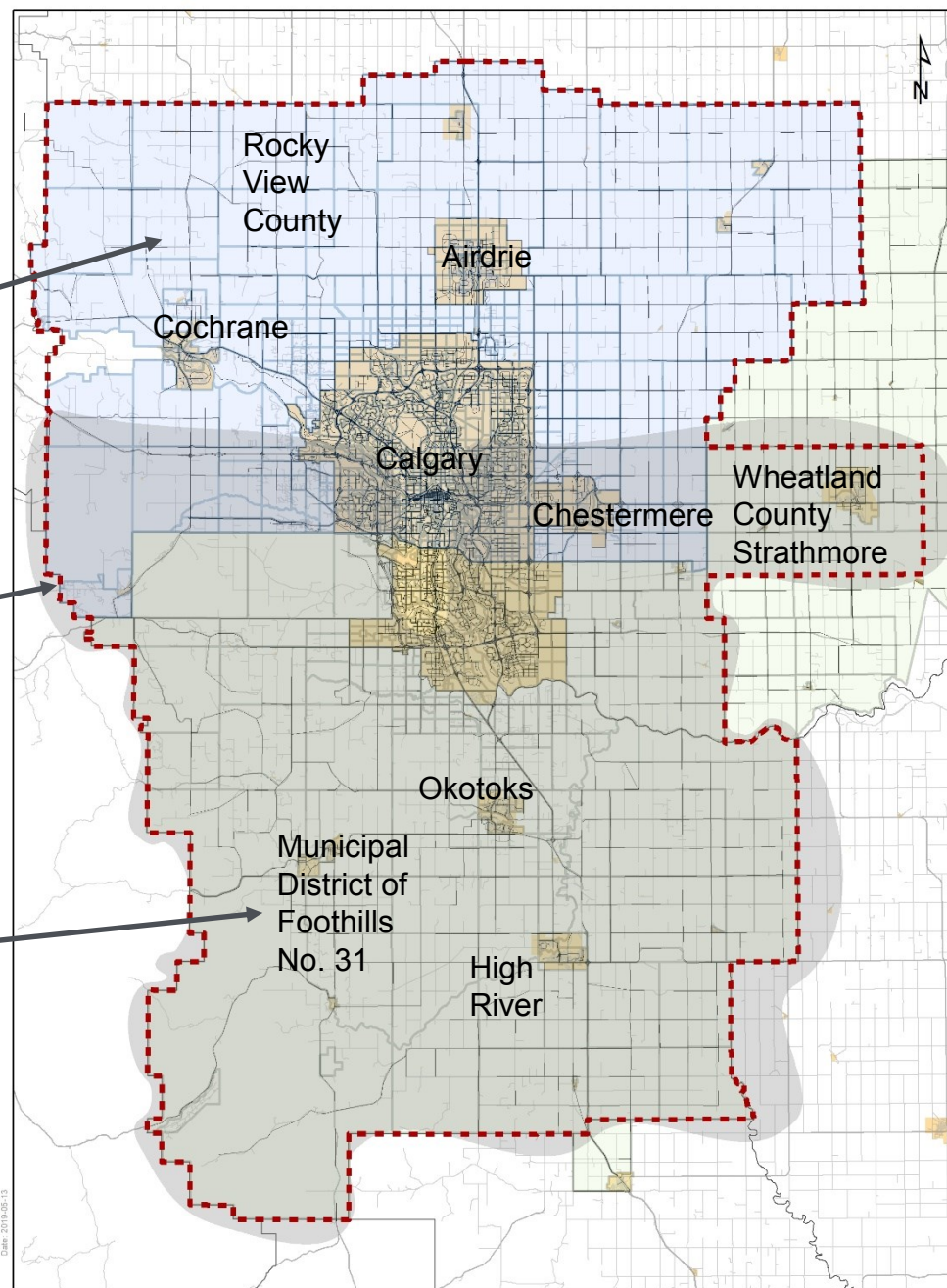
Study Area

“North” Study Area

CMRB Boundary

“South” Study Area
(this study)

- | | |
|-----------------------|----------------------|
| ✓ City of Calgary | ✓ Town of Okotoks |
| ✓ City of Chestermere | ✓ Rocky View County |
| ✓ Foothills County | ✓ Town of Strathmore |
| ✓ Town of High River | ✓ Wheatland County |



Study Process

Jan – Mar 2019

Stage 1

Network Context

**Data Collection
Land Use Inputs
Network Options
Evaluation Framework**

Apr – Nov 2019

Stage 2

**Network Scenario &
Evaluation**

**Network Analysis
Option Evaluation
2028 and 2039 Horizons**

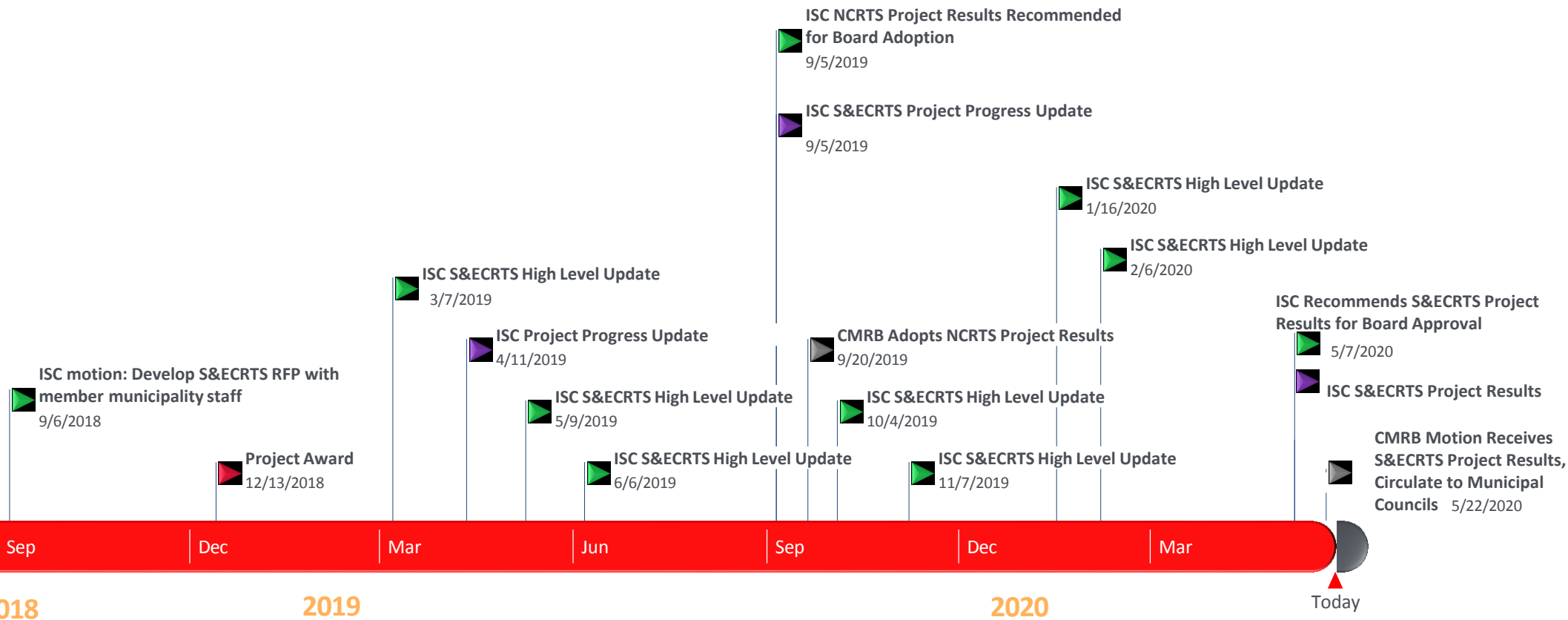
Dec 2019 – Apr 2020

Stage 3

Network Prioritization

**Project Evaluation
Project Prioritization
Reporting**

Study Timeline



ISC: CMRB Intermunicipal Servicing Committee (elected officials)

Transportation Network

I. Candidate projects

II. Three categories:

i. Corridor projects 133 Projects

ii. Interchange projects 87 Projects

iii. Transit projects 33 Projects

253 Projects

III. CTP, Investing in Mobility, Route Ahead and ASPs

IV. Skeletal / penetrator corridors

V. Major goods movement / intermodal corridors

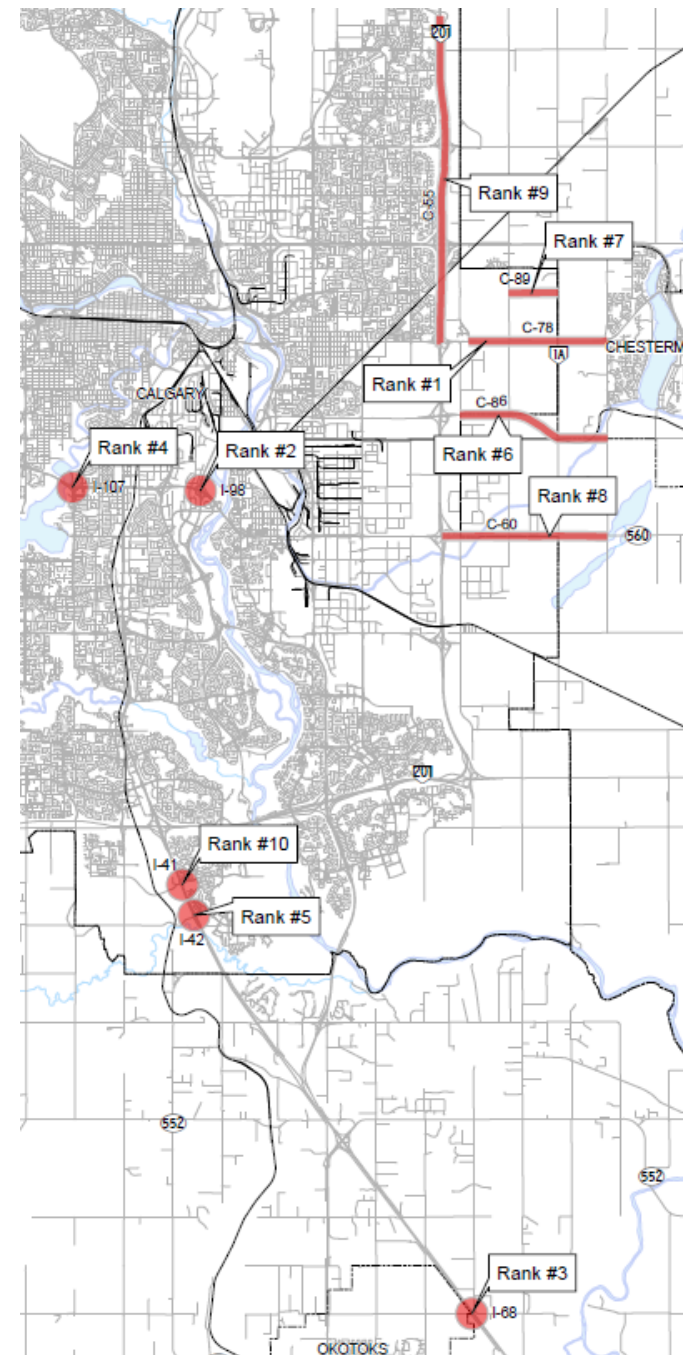
VI. Analysis and evaluation to classify all projects

Project Prioritization

- I. Quantitative criteria – technical analysis
- II. Qualitative criteria – agreed scoring definitions
- III. 2028 Regional Projects (within 10-year horizon)
- IV. 2039 Regional Projects (20+ years)
- V. Expected that prioritization scoring / ranking could be updated at regular intervals in future

Top Priority Roadway Projects

Ranking	Code	Project	Score
1	C-78	17 Ave SE (84 St SE-Rainbow Rd) - Widen from 2 to 4 lanes	78.17
2	I-98	Glenmore Tr SE & Deerfoot Tr - Upgrade Interchange	62.00
3	I-68	338 Ave & Hwy 2 - New Interchange	54.00
4	I-107	Glenmore Tr SW & 14 St SW - Upgrade Interchange	52.83
5	I-42	210 Ave & Macleod Tr - New Parclo Interchange	52.17
6	C-86	Peigan Tr / Twp Rd 240 (84 St SE-Rainbow Rd) - Widen to 4 lanes	50.83
7	C-89	Memorial Dr (Garden Rd-Conrich Rd) - New 4-lane Arterial	50.50
8	C-60	Glenmore Tr (Stoney Tr-Rainbow Rd) - Widen from 2 to 4 lanes	50.00
9	C-55	Stoney Tr (Airport Tr-17 Ave SE) - Widen from 4 to 6 lanes	49.00
10	I-41	194 Ave & Macleod Tr - New Half-Parclo Interchange	48.00



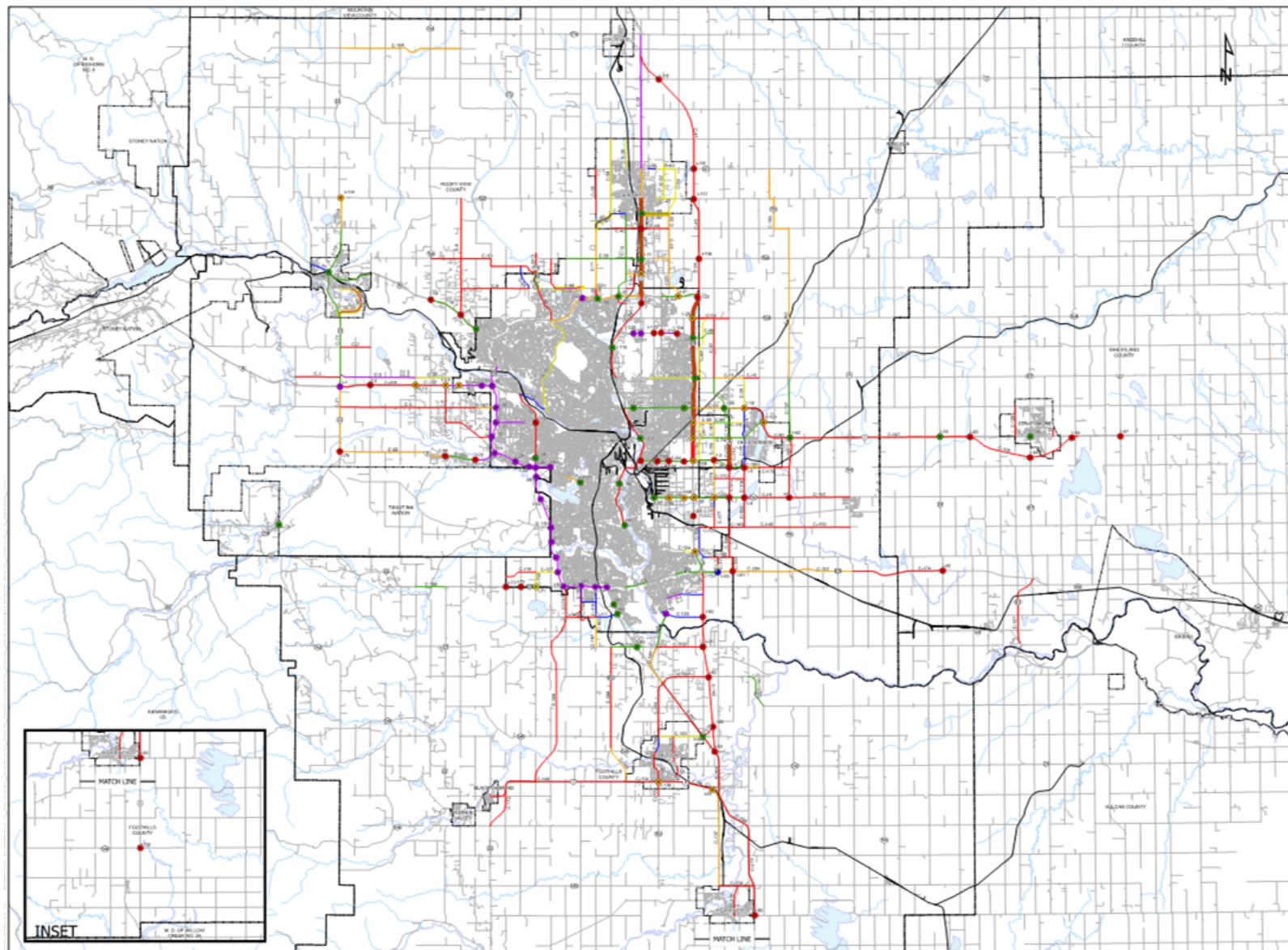
Integration of NCRTS and S&ECRTS

Population and Jobs for the Calgary Region

Municipality	Pop 2015	Jobs 2015	Pop 2028	Jobs 2028	Pop 2039	Jobs 2039
Airdrie	66,033	13,456	108,951	34,667	154,708	61,547
Calgary	1,178,492	691,029	1,598,710	930,511	1,910,998	1,087,173
Chestermere	17,807	2,319	35,738	13,501	53,220	24,751
Cochrane	26,320	6,807	37,217	13,616	49,534	15,542
High River	14,551	7,816	19,464	10,339	24,817	10,339
Okotoks	28,747	8,468	37,835	10,947	45,677	11,850
Strathmore	13,423	6,255	17,095	6,747	20,483	6,857
Rocky View County	43,136	13,053	75,366	38,999	104,059	61,642
Foothills County	23,229	7,286	30,483	15,988	35,720	21,659
Wheatland County*	1,000	421	1,548	1,583	1,788	2,343
TOTAL	1,412,738	756,910	1,962,407	1,076,898	2,401,004	1,303,703

Note*: Wheatland County data only includes the population and jobs for the land area within the CMRB boundary.

Integrated Road Network



Legend

Interchanges & Intersections

● Beyond 2039



● 2039 Non-Regional



● 2028 Non-Regional

● Underway Now

Corridor Classification

— Beyond 2039

— 2039 Regional

— 2039 Non-Regional

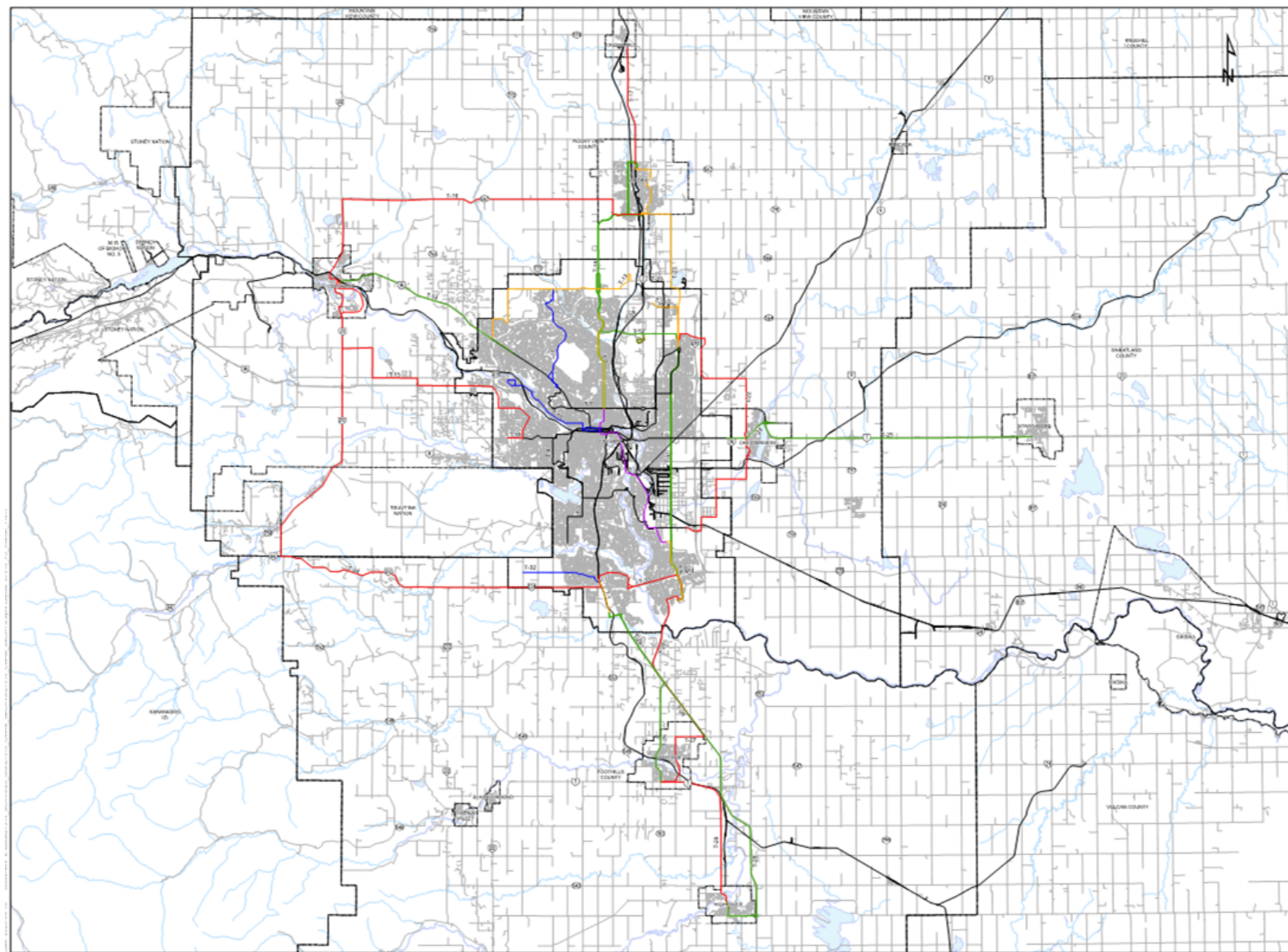
— 2028 Regional

— 2028 Non-Regional

— Underway

— Municipal Boundary

Integrated Transit Network



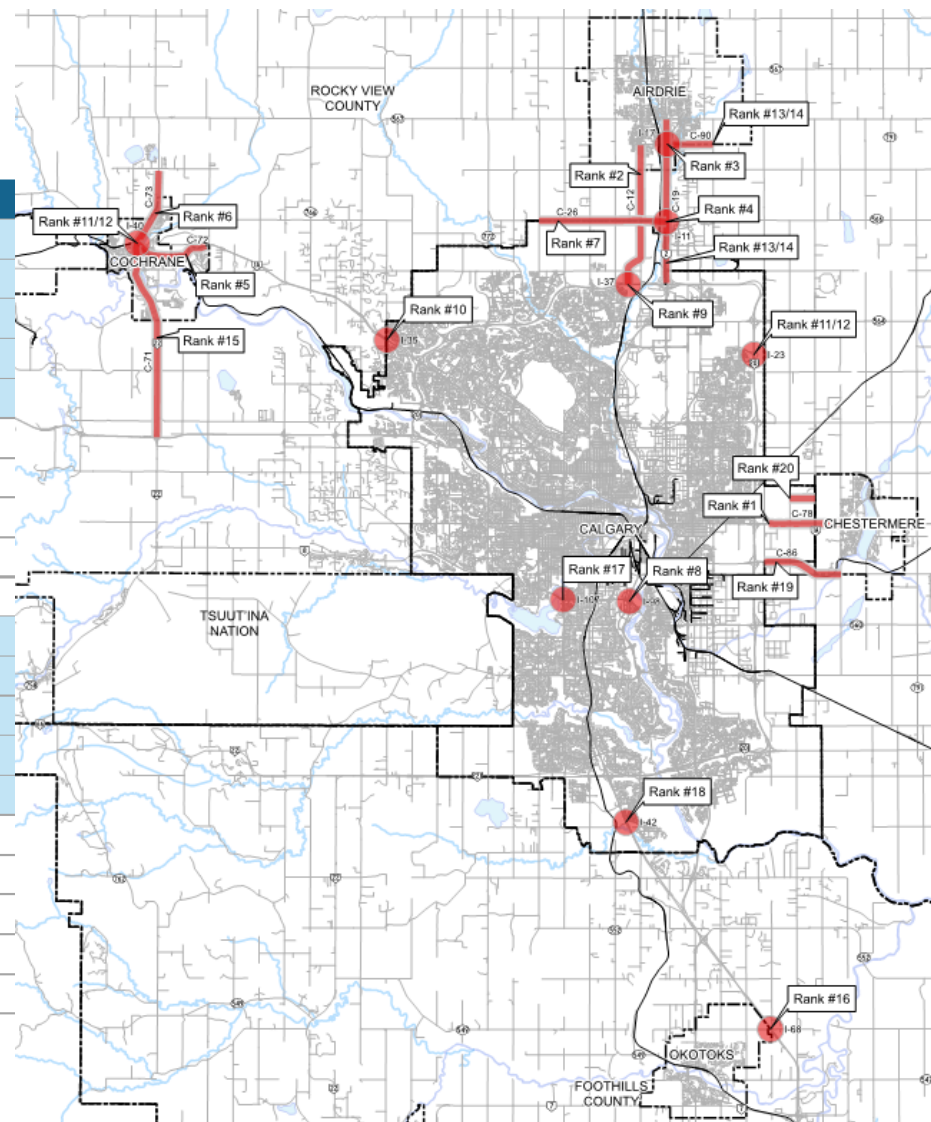
Legend

Transit Projects

- Beyond 2039
- 2039 Non-Regional
- 2028 Non-Regional
- Underway Now
- Existing
- Municipal Boundary

Integrated Priority Roadway Projects

Ranking	ID	Project	Score
1	C-78	17 Ave SE (84 St SE to Rainbow Rd) - Widen from 2 to 4 lanes	78.2
2	C-12	11 St / RR 11 / 8 St (144 Ave NE to 40 Avenue) - Widen from 2 lanes to 4 lanes	75.7
3	I-17	40 Ave / QEII Interchange	68.2
4	I-11	Hwy 566 / QEII Interchange	65.0
5	C-72	Hwy 1A (Hwy 22 to Gleneagles Dr) - Widen from 2 lanes to 4 lanes	64.5
6	C-73	Hwy 22 (Hwy 1A to Twp Rd 264) - Widen from 2 lanes to 4 lanes	64.2
7	C-26	Hwy 566 (Range Rd 15 to QEII) - Widen from 2 lanes to 4 lanes	64.0
8	I-98	Glenmore Tr SE & Deerfoot Tr - Upgrade Interchange	62.0
9	I-37	Stoney Tr / 11 St Interchange	61.3
10	I-35	Crowchild Tr / 12 Mile Coulee Rd Interchange	60.5
11 / 12	I-23	Stoney Tr / Airport Tr Interchange	59.8
11 / 12	I-40	Hwy 1A / Hwy 22 Interchange	59.8
13 / 14	C-19	QEII (Stoney Tr to Yankee Valley Blvd) - Widen from 6 lanes to 8 lanes	57.3
13 / 14	C-90	40 Ave (Kingsview Blvd to Range Rd 292) - Construct New 2-lane Arterial	57.3
15	C-71	Hwy 22 (Hwy 1 to Hwy 1A) - Widen from 2 lanes to 4 lanes	54.2
16	I-68	338 Ave & Hwy 2 - New Interchange	54.0
17	I-107	Glenmore Tr SW & 14 St SW - Upgrade Interchange	52.8
18	I-42	210 Ave & Macleod Tr - New Parclo Interchange	52.2
19	C-86	Peigan Tr / Township Rd 240 (84 St SE-Rainbow Rd) - Widen from 2 to 4 lanes	50.8
20	C-89	Memorial Dr (Garden Rd-Conrich Rd) - New 4-lane Arterial	50.5



Next Steps

- I. Study completed Spring 2020
- II. Committee/Team members currently sharing with their Councils for information
- III. CMRB bringing the “South” Study and the Integration of both studies for approval June 26, 2020
- IV. CMRB plans to send a letter to Alberta Transportation Deputy Minister
- V. CMRB – Regional Growth and Serving Plan – March 2021

Recommendation

That the Intergovernmental Affairs Committee:

1. Receive the South and East Calgary Regional Transportation Study for information, providing feedback to The City of Calgary's representative at the June 26, 2020 meeting of the Calgary Metropolitan Region Board.

Questions?

